



PATENT  
Customer No. 22,852  
Attorney Docket No. 04641.0082-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No.: 6,753,443 B1 )  
Inventors: Jai Wook PARK et al. )  
Issue Date: June 22, 2004 )  
For: PREPARING METHOD OF CHIRAL ESTER )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate  
AUG 13 2004  
of Correction

Sir:

**REQUEST FOR CERTIFICATE OF CORRECTION**

Pursuant to 35 U.S.C. § 255, and 37 C.F.R. § 1.323, this is a request for a Certificate of Correction in the above-identified patent. The mistake identified in the appended Form is of a clerical or typographical nature, or of minor character, and resulted from an error made by the Patent Office or in good faith by patentees. This request is being filed further to Applicants' May 7, 2004 Request under 37 C.F.R. § 3.81(b) to correct the assignees' name prior to issuance. The submission also included a request to be considered as a petition under 37 C.F.R. § 1.183. A duplicate copy of the May 7, 2004 Request, together with confirmation from the Patent Office of receipt by facsimile, are enclosed with the present Request.

A check in the amount of \$100.00 (the fee set forth in 37 C.F.R. § 1.20(a)) is attached. Should a check not be appended or should any additional fees be needed,

08/11/2004 JBALINAH 00000099 6753443

01 FC:1811

100.00 OP

08/11/2004 JBALINAH 00000100 6753443

01 FC:1811

100.00 OP

AUG 17 2004

authorization is hereby given to charge any fees due in connection with the filing of this request to Deposit Account No. 06-0916.


Two (2) copies of PTO Form 1050 are appended. Issuance of the Certificate of Correction containing the correction is earnestly requested.

Please charge any required fees not included herewith to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: August 10, 2004

By:   
Mark J. Feldstein  
Reg. No. 46,693

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO.           6,753,443 B1  
DATED:               June 22, 2004  
INVENTORS:          Jai Wook PARK et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, item (73), delete "Samsung Fine Chemicals Co., Ltd. (KR);".

In claim 1, column 9, line 44, "each with other," should read --with each other,--.

In claim 1, column 9, line 60, "alcohol wherein:" should read --alcohol, wherein:--.

In claim 1, column 10, line 12, after the structure insert --;--.

In claim 1, column 10, line 42, "Y<sub>11</sub> and" should read --Y<sub>11</sub>, and--.

In claim 2, column 10, line 52, after "4f" delete ".".

In claim 10, column 12, line 52, after "process" delete "according".

MAILING ADDRESS OF SENDER

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

Patent No. 6,753,443 B1

No. of additional copies  
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AUG 17 2004

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO. 6,753,443 B1  
DATED: June 22, 2004  
INVENTORS: Jai Wook PARK et al.

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On the title page, item (73), delete "Samsung Fine Chemicals Co., Ltd. (KR);".

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In claim 1, column 10, line 12, after the structure insert --;--.

In claim 1, column 10, line 42, "Y<sub>11</sub> and" should read --Y<sub>11</sub>, and--.

In claim 2, column 10, line 52, after "4f" delete ".".

In claim 10, column 12, line 52, after "process" delete "according".

MAILING ADDRESS OF SENDER

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

Patent No. 6,753,443 B1

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**AUG 17 2004**

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TO: Fax Sender at 202 408 4400

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Cover  
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MAY 07 2004 17:16 FR FINNEGAN HENDERSON 202 408 4400 TO 17038729306H P.01

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**FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**  
1300 I Street, N.W.  
Washington, DC 20005

Telephone (202) 408-4000 Facsimile (202) 408-4400

**FACSIMILE TRANSMITTAL**

To: Patent Publications Office  
Firm: USPTO  
Fax No.: 703-872-9306 Phone No.: 703-308-6789  
Application No. 09/786,276  
Subject: Atty. Doc. 04641.0082 Date: May 7, 2004


From: Mark J. Feldstein Phone No.: 202-408-4092  
Fax # Verified by: R. Dillon - MD 680 No. of Pages (incl. this page) 7

Confirmation Copy to Follow: No

**Message:**

**CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8**

I hereby certify that the attached papers, "Request Under 37 C.F.R. § 3.81(b) to Correct Name of Assignee After Issue Fee Payment but Prior to Issuance, Copy of PTOL-85B as filed on April 13, 2004, Corrected PTOL-85B showing the corrected assignee information and a copy of the Recordation Form Cover Sheet and executed Assignment filed May 7, 2004," are being transmitted by facsimile to the U.S. Patent and Trademark Office on the above-identified date.

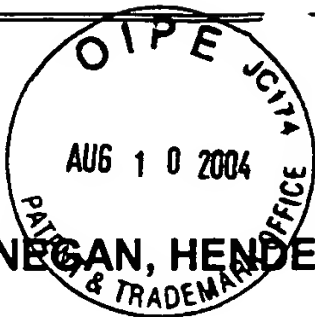
  
Mark J. Feldstein  
Reg. No. 48,693

SLP/MJF:rah/rd

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PAGE 07 \* RCVD AT 5/7/2004 5:09:12 PM [Eastern Daylight Time] \* SVR:USPTO-EFTRF-14 \* DNS:2729306 \* CSD:202 408 4400 \* DURATION 00:00:01:58



LAW OFFICES  
**FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**  
1300 I Street, N.W.  
Washington, DC 20005

Telephone  
(202) 408-4000

Facsimile  
(202) 408-4400

**FACSIMILE TRANSMITTAL**

To: Patent Publications Office

Firm: USPTO

Fax No.: 703-872-9306

Phone No.: 703-308-6789

Application No. 09/786,276

Subject: Atty. Doc. 04641.0082

Date: May 7, 2004

From: Mark J. Feldstein

Phone No.: 202-408-4092

Fax # Verified by: R. Dillon - MD 680

No. of Pages (incl. this page) 7

Confirmation Copy to Follow: No

**Message:**

**CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8**

I hereby certify that the attached papers, "Request Under 37 C.F.R. § 3.81(b) to Correct Name of Assignee After Issue Fee Payment but Prior to Issuance, Copy of PTOL-85B as filed on April 13, 2004, Corrected PTOL-85B showing the corrected assignee information and a copy of the Recordation Form Cover Sheet and executed Assignment filed May 7, 2004," are being transmitted by facsimile to the U.S. Patent and Trademark Office on the above-identified date.

Mark J. Feldstein  
Reg. No. 46,693

SLP/MJF:rah/rd

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PATENT  
Customer No. 22,852  
Attorney Docket No. 04641.0082

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	) Allowed: January 14, 2004
Jai Wook PARK et al.	)
Application No.: 09/786,276	) Group Art Unit: 1624
Filed: March 2, 2001	)
For: PREPARING METHOD OF	) Examiner: Z. Tucker
CHIRAL ESTER	)

**Patent Publication Office**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REQUEST UNDER 37 C.F.R. § 3.81(B) TO CORRECT NAME OF  
ASSIGNEE AFTER ISSUE FEE PAYMENT BUT PRIOR TO ISSUANCE**

In accordance with 37 C.F.R. § 3.81(b), Applicants request the Commissioner to correct prior to issuance the assignee's name from Applicants completed form PTOL-85B, filed on April 13, 2004. The complete assignee information, as submitted for recordation on May 7, 2004, is enclosed. Accordingly, the correct assignee information on the face of the patent should read as follows:

(A) NAME OF ASSIGNEE

POHANG UNIVERSITY OF SCIENCE  
AND TECHNOLOGY

(B) RESIDENCE:

REPUBLIC OF KOREA

Applicants include herewith:

- (1) a copy of the PTOL-85B, as filed on April 13, 2004, now marked "Incorrect Assignee Information."

(2) a corrected PTOL-85B, showing the corrected assignee information, marked "Corrected Assignee Information," and

(3) a copy of the Recordation Form Cover Sheet and executed Assignment document submitted for recordation concurrently herewith.

Please make the appropriate correction prior to issuance. If necessary to effect the above-identified correction, please consider this request to be a petition under 37 CFR § 1.183.

To the extent any extension of time under 37 C.F.R. § 1.136 is required to obtain entry of this request, such extension is hereby respectfully requested. If there are any fees due under 37 C.F.R. §§ 1.16 or 1.17 which are not enclosed herewith, including any fees required for an extension of time under 37 C.F.R. § 1.136, please charge such fees to our Deposit Account No. 06-0916.

The Office is requested to contact Applicants' undersigned representative by telephone at (202) 408-4092 to resolve any formal matters related to the requested correction.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: May 7, 2004

By: 

Mark J. Feldstein  
Reg. No. 46,693



## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (703) 746-4000

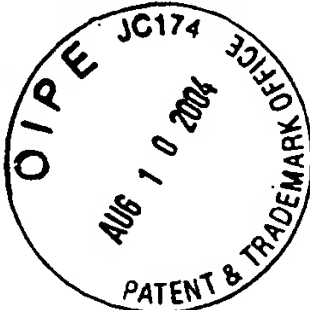
INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1.)

7590

01/14/2004

Finnegan Henderson Farabow  
 Garrett & Dunner  
 1300 I Street NW  
 Washington, DC 20005-3315



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY OR AGENT	CONFIRMATION NO.
09/786.276	03/02/2001	Jai Wook Park	82-01	7049

TITLE OF INVENTION: PREPARING METHOD OF CHIRAL ESTER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330		\$1330	04/14/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
TUCKER, ZACHARY C	162	560-105000

1. Change of correspondence address or indication of "Fee Address" (CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" indication on PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Finnegan, Henderson,  
Farabow, Garrett &  
Dunner, L.L.P.

3. ASSIGNEE NAME AND RESIDENCE (TO BE PRINTED ON THE PATENT (print or type))

PLEASE NOTE: Unless otherwise identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

1. SAMSUNG CHEMICALS CO., LTD.  
 2. POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY

1. REPUBLIC OF KOREA  
 2. REPUBLIC OF KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent).

☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☐ Publication Fee  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-0916 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Mark J. Feldstein (Date) 4/13/2004

Mark J. Feldstein, Reg. No. 46,693

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together, with applicable fee(s), to: Mail

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 or Fax (703) 746-4000

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7590

01/14/2004

Finnegan Henderson Farabow  
 Garrett & Dunner  
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 Washington, DC 20005-3315



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(Depositor's name)
(Signature)
(Date)

## \*\*\*CORRECTED ASSIGNEE INFORMATION\*\*\*

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/786.276	03/02/2001	Jai Wook Park	05823.0193	7049

TITLE OF INVENTION: PREPARING METHOD OF CHIRAL ESTER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	04/14/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
TUCKER, ZACHARY C	1624	560-105000

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- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Finnegan, Henderson,  
Farabow, Garrett &  
Dunner, L.L.P.

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~  
 XX POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~  
 XX REPUBLIC OF KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent):

☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☐ Publication Fee
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-0916 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date) 4/13/2004

Mark J. Feldstein, Reg. No. 46,693

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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TRANSMIT THIS FORM WITH FEE(S)

To the Director of the U.S. Patent and Trademark Office.

Please record the attached original documents or copy thereof.

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies):  
Samsung Fine Chemicals Co., Ltd.

2. Name and address of receiving party(ies):

Name: Pohang University of Science and Technology

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Internal Address:

3. Nature of conveyance:

Street Address: San 31, Hyoja-dong, Nam-ku  
Pohang-si 790-784

☒ Assignment

☐ Merger

City: Kyongsangbuk-do, Republic of Korea

☐ Security Agreement

☐ Change of Name

State:

Zip Code:

☐ Other:

Additional name(s) & Address(es) attached?

Execution Date: April 23, 2004

☐ Yes

☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:

A. Patent Application Number(s):

09/786,276

B. Patent Number(s):

Additional numbers attached?

☐ Yes

☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

6. Total number of applications and registrations involved:  
1

7. Total fee (37 CFR 3.41): \$40

☒ Enclosed (Please charge deficiency to deposit account)

☐ Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark J. Feldstein  
Reg. No. 46,693

Signature

May 7, 2004

Date

Total number of pages including cover sheet, attachments and documents: 2

## ASSIGNMENT

WHEREAS Samsung Fine Chemicals Co., Ltd., hereinafter referred to as ASSIGNOR, a corporation of the Republic of Korea, whose post office address is 190, Yeocheon-dong, Nam-ku, 680-090 Ulsan, Republic of Korea, is an assignee of an undivided part interest in U.S. Patent Application No. 09/786,276, hereinafter the APPLICATION, filed March 2, 2001, by virtue of an assignment from the inventors of the APPLICATION recorded in the United States Patent and Trademark Office on March 2, 2001, at Reel 012069, Frame 0405;

WHEREAS, Pohang University of Science and Technology, hereinafter referred to as ASSIGNEE, a University of the Republic of Korea, whose post office address is San 31, Hyoja-dong, Nam-ku, Pohang-si 790-784, Kyongsangbuk-do, Republic of Korea, also an assignee of an undivided part interest in the APPLICATION by virtue of the assignment from the inventors of the APPLICATION recorded in the United States Patent and Trademark Office on March 2, 2001, at Reel 012069, Frame 0405, is desirous of securing the entire right, title, and interest in and to the APPLICATION;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from the ASSIGNEE is hereby acknowledged, the ASSIGNOR, has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto the ASSIGNEE, its lawful successors and assigns, ASSIGNOR's entire right, title, and interest in and to the above referenced applications for United States Letters Patent and the APPLICATION, including all inventions disclosed therein, and to all divisions, and continuations thereof, and to all reissues thereof;

AND, the ASSIGNOR HEREBY further covenants and agrees that it will, without further consideration, communicate with the ASSIGNEE, its successors and assigns, any facts known to ASSIGNOR respecting the APPLICATION and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to the APPLICATION in said ASSIGNEE, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper patent protection for the APPLICATION in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, the ASSIGNOR has caused this Assignment to be executed by its duly authorized representatives.

SAMSUNG FINE CHEMICALS CO., LTD.

By: 

Name: Soo Woong PARK

Title: President

Witness: 

Date: 23 April 2004